

Appln No. 09/734,237

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Amendments to the Specification

Please amend the paragraph beginning at page 9, line 29, as follows:

A1
In one embodiment, the invention is directed to developing nucleic acid sequences that enhance expression of the encoded protein in a heterologous host. The frequency of particular codon usage for *E. coli* and other enteric bacteria is shown in Table 1, below. This table is derived from the 2000 Novagen Catalog, page 196, [~~available online at <http://www.novagen.com/html/eatfram.html>;~~] herein incorporated by reference. However, the information in this table does not tell one of skill in molecular biology which codons should be replaced to enhance expression, if indeed any replacements will enhance expression. Considerations other than simple codon replacement are clearly important. It has been discovered that the composition of the full gene (or fragment to be expressed) is more important than a particular codon exchange, and heterologous expression can be enhanced by replacement of codons in the sequence's open reading frame alone, independent of promoters or other regulatory sequence.